GEOTECHNICAL BOREHOLE SUMMARY

BOREHOLE NUMBER	NORTHING (m)	EASTING (m)	INCLINATION (deg.)	COLLAR ELEVATION (m)	APPROX. DEPTH (m)	BEDROCK DEPTH (m)	BEDROCK ELEVATION (m)	APPROX. PIEZOMETER DEPTH AT TUNNEL DEPTH (m)	APPROX. PIEZOMETER DEPTH AT TUNNEL DEPTH (m)	TUNNEL INVERT ELEVATION (m)
BHDT1-14-A	982060.9	534965.3	VERTICAL	86.4	50	22	65	N/A	N/A	N/A
BHDT1-14-A1	982077.1	534955.4	VERTICAL	93.9	50	24	70	31 TO 34	13 TO 16	60.00
BHDT1-14-B	982158.3	534811.8	70	115.7	75	17	99	53 TO 56	N/A	58.89
BHDT1-14-D	982472.6	534880.5	70	96.9	46	13	84	35 TO 38	N/A	57.28
BHDT1-14-E	983115.5	535021.1	VERTICAL	89.2	41	21	68	21 TO 34	11 TO 13	53.99

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES, ELEVATIONS IN METRES UNLESS NOTED OTHERWISE.
2. CONTOUR INFORMATION PROVIDED BY MINERA PANAMA S.A.
3. CONTOURS AND ELEVATIONS OF ORIGINAL GROUND ARE BASED ON THE LIDAR SURVEY COMPLETED IN 2008. GRID SHOWN IS BASED ON UTM DATUM WGS84 ZONE 17N.
4. NORTH STARTER DAM, EMERGENCY SPILLWAY AND WEST DAM SHOWN FOR REFERENCE ONLY.
5. FIRST QUANTUM MINERALS LTD. MAY BE REFERRED TO AS FQML.
6. STATIONING ON TUNNEL CENTRELINE BASED ON ALIGNMENT THROUGH P.I.

ACTUAL CONDITIONS MAY VARY

SITE PLAN

SCALE: N.T.S.

REV. NO.	DESCRIPTION	DATE	DWN	DSN	CHK'D	APPR
0	ISSUED FOR CONSTRUCTION	2015-05-08	LH	VL	DHD	RJD

REVISION SCHEDULE

ORIGINAL ISSUE	
DRAWN:	L. HUTTON
DESIGNED:	V. LAU
CHECKED:	D. DUIVESTEIN
APPROVED:	R. DOUGLAS
DATE:	2015-05-08

SEAL

ORIGINAL SEALED BY V. LAU MAY/08/15

P.Engineers Seal

V. LAU P.Engineer | #39042 P.Eng Number

DATE:_____

FIRST QUANTUM MINERALS LTD.

Klohn Crippen Berger

VANCOUVER, B.C., CANADA

FIRST QUANTUM MINERALS LTD.	
APPROVED BY:	
DATE:	
CHECKED BY:	
DATE:	

MINA DE COBRE PANAMA PROJECT
TAILINGS MANAGEMENT FACILITY (TMF)

PROJECT SITE PLAN AND GENERAL NOTES

DWG. NO.	SIZE	REV.
1824-364-C01-00003	**A1**	**R0**